

FORM HDP-1449 (Based on Form PTO-1449)

**PATENT AND TRADEMARK OFFICE
INFORMATION DISCLOSURE CITATION**

(Use several sheets if necessary)

Sheet 1 of 19

ATTORNEY DOCKET NO.

5074A-000001/COB

SERIAL NO.

10/649,214

APPLICANT

Jascob et al.

FILING DATE

August 26, 2003

GROUP

3737

U.S. PATENT DOCUMENTS

| Ref. Desig. | Examiner's Initials | Document Number | Date | Name | Class/ Subclass | (If appropriate) Filing Date |
|-------------|---------------------|-----------------|------------|--------------|-----------------|------------------------------|
| 1. | PS | Re. '35,025 | 8/1995 | Anderton | | |
| 2. | | Re. 35,816 | 6/1998 | Schulz | | |
| 3. | | 1,576,781 | 03/1926 | Phillips | | |
| 4. | | 1,735,726 | 11/1929 | Bornhardt | | |
| 5. | | 2,407,845 | 09/1946 | Nemeyer | | |
| 6. | | 2,650,588 | 09/1953 | Drew | | |
| 7. | | 2,697,433 | 12/1954 | Sehnder | | |
| 8. | | 3,016,899 | 01/1962 | Stenvall | | |
| 9. | | 3,017,887 | 01/1962 | Heyer | | |
| 10. | | 3,061,936 | 11/1962 | Dobbeleer | | |
| 11. | | 3,073,310 | 01/1963 | Mocarski | | |
| 12. | | 3,294,083 | 12/1966 | Alderson | | |
| 13. | | 3,367,326 | 02/1968 | Frazier | | |
| 14. | | 3,439,256 | 04/15/1969 | Kähne et al. | | |
| 15. | | 3,577,160 | 05/1971 | White | | |
| 16. | | 3,702,935 | 11/1972 | Carey et al. | | |
| 17. | | 3,704,707 | 12/1972 | Halloran | | |
| 18. | | 3,941,127 | 03/1976 | Froning | | |
| 19. | | 4,037,592 | 07/1977 | Kronner | | |
| 20. | ↓ | 4,052,620 | 10/1977 | Brunnett | | |
| 21. | PS | 4,117,337 | 09/26/1978 | Staats | | |

Examiner:

Daniel S. Lee

Date Considered: 26 OCT 2006

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|-------------|---------------------|-----------------|------------|------------------|-----------------|------------------------------|
| 22. | PS | 4,202,349 | 05/1980 | Jones | | |
| 23. | ↑ | 4,328,813 | 05/1982 | Ray | | |
| 24. | | 4,358,856 | 11/09/1982 | Stivender et al. | | |
| 25. | | 4,368,536 | 01/1983 | Pfeiler | | |
| 26. | | 4,403,321 | 09/1983 | DiMarco | | |
| 27. | | 4,418,422 | 11/1983 | Richter et al. | | |
| 28. | | 4,485,815 | 12/1984 | Amplatz | | |
| 29. | | 4,543,959 | 10/01/1985 | Sepponen | | |
| 30. | | 4,548,208 | 10/22/1985 | Niemi | | |
| 31. | | 4,584,577 | 04/22/1986 | Temple | | |
| 32. | | 4,621,628 | 11/1986 | Bludermann | | |
| 33. | | 4,625,718 | 12/1986 | Olerud et al. | | |
| 34. | | 4,645,343 | 02/1987 | Stockdale et al. | | |
| 35. | | 4,651,732 | 03/24/1987 | Frederick | | |
| 36. | | 4,653,509 | 03/1987 | Oloff et al. | | |
| 37. | | 4,673,352 | 06/1987 | Hansen | | |
| 38. | | 4,706,665 | 11/17/1987 | Gouda | | |
| 39. | | 4,719,419 | 01/12/1988 | Dawley | | |
| 40. | ↓ | 4,722,056 | 01/26/1988 | Roberts et al. | | |
| 41. | PS | 4,722,336 | 02/1988 | Kim et al. | | |

Examiner: *Paul Sere*

Date Considered: 26 OCT 2006

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|-------------|---------------------|-----------------|------------|---------------------|-----------------|------------------------------|
| 42. | PS | 4,727,565 | 02/23/1988 | Ericson | | |
| 43. | ↑ | 4,737,921 | 04/12/1988 | Goldwasser et al. | | |
| 44. | | 4,750,487 | 06/1988 | Zanetti | | |
| 45. | | 4,771,787 | 09/20/1988 | Wurster et al. | | |
| 46. | | 4,791,934 | 12/20/1988 | Brunnett | | |
| 47. | | 4,793,355 | 12/1988 | Crum et al. | | |
| 48. | | 4,797,907 | 01/1989 | Anderton | | |
| 49. | | 4,803,976 | 02/1989 | Frigg et al. | | |
| 50. | | 4,821,206 | 04/11/1989 | Arora | | |
| 51. | | 4,845,771 | 07/1989 | Wislocki et al. | | |
| 52. | | 4,862,893 | 09/05/1989 | Martinelli | | |
| 53. | | 4,889,526 | 12/26/1989 | Rauscher et al. | | |
| 54. | | 4,923,459 | 05/1990 | Nambu | | |
| 55. | | 4,931,056 | 06/1990 | Ghajar et al. | | |
| 56. | | 4,945,914 | 08/1990 | Allen | | |
| 57. | | 4,951,653 | 08/1990 | Fry et al. | | |
| 58. | | 5,013,317 | 05/1991 | Cole et al. | | |
| 59. | | 5,027,818 | 07/02/1991 | Bova et al. | | |
| 60. | ↓ | 5,030,196 | 07/09/1991 | Inoue | | |
| 61. | PS | 5,030,222 | 07/1991 | Calandruccio et al. | | |

Examiner: *David S. Goh*

Date Considered: 26 OCT 2006

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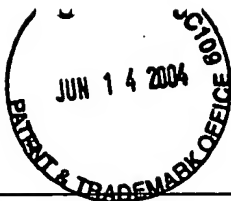
U.S. PATENT DOCUMENTS

| Ref. Desig. | Examiner's Initials | Document Number | Date | Name | Class/ Subclass | (If appropriate) Filing Date |
|-------------|---------------------|-----------------|------------|--------------------|-----------------|------------------------------|
| 62. | PS | 5,031,203 | 07/1991 | Trecha | | |
| 63. | PS | 5,057,095 | 10/15/1991 | Fabian | | |
| 64. | | 5,079,699 | 01/07/1992 | Tuy et al. | | |
| 65. | | 5,094,241 | 03/10/1992 | Allen | | |
| 66. | | 5,097,839 | 03/24/1992 | Allen | | |
| 67. | | 5,107,839 | 04/28/1992 | Houdek et al. | | |
| 68. | | 5,107,843 | 04/1992 | Aarnio, et al. | | |
| 69. | | 5,107,862 | 04/28/1992 | Fabian et al | | |
| 70. | | 5,109,194 | 04/28/1992 | Cantaloube | | |
| 71. | | 5,119,817 | 06/09/1992 | Allen | | |
| 72. | | 5,142,930 | 09/01/1992 | Allen et al. | | |
| 73. | | 5,160,337 | 11/1992 | Cosman | | |
| 74. | | 5,178,164 | 01/12/1993 | Allen | | |
| 75. | | 5,178,621 | 01/1993 | Cook et al. | | |
| 76. | | 5,186,174 | 02/1993 | Schlondorff et al. | | |
| 77. | | 5,188,126 | 02/23/1993 | Fabian et al | | |
| 78. | | 5,190,059 | 03/02/1993 | Fabian et al | | |
| 79. | | 5,197,965 | 03/1993 | Cherry et al. | | |
| 80. | | 5,211,176 | 05/1993 | Ishiguro et al. | | |
| 81. | PS | 5,212,720 | 05/1993 | Landi et al. | | |

Examiner: *Paul S. Lee*

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|-------------|---------------------|-----------------|------------|------------------|-----------------|------------------------------|
| 82. | PS | 5,219,351 | 06/1993 | Teubner et al. | | |
| 83. | PS | 5,233,990 | 08/1993 | Barnea | | |
| 84. | | 5,237,996 | 08/24/1993 | Waldman et al. | | |
| 85. | | 5,251,127 | 10/1993 | Raab | | |
| 86. | | 5,291,199 | 03/01/1994 | Overman et al | | |
| 87. | | 5,297,549 | 03/29/1994 | Beatty et al. | | |
| 88. | | 5,305,091 | 04/1994 | Gelbart et al. | | |
| 89. | | 5,305,203 | 04/1994 | Raab | | |
| 90. | | 5,320,111 | 06/1994 | Livingston | | |
| 91. | | 5,325,728 | 07/05/1994 | Zimmerman et al. | | |
| 92. | | 5,329,944 | 07/19/1994 | Fabian et al | | |
| 93. | | 5,333,168 | 07/1994 | Fernandes et al. | | |
| 94. | | 5,353,800 | 10/11/1994 | Pohndorf et al | | |
| 95. | | 5,353,807 | 10/11/1994 | DeMarco | | |
| 96. | | 5,377,678 | 01/03/1995 | Dumoulin et al. | | |
| 97. | | 5,385,146 | 01/31/1995 | Goldreyer | | |
| 98. | | 5,385,148 | 01/31/1995 | Lesh et al. | | |
| 99. | | 5,394,457 | 02/1995 | Leibinger et al. | | |
| 100. | | 5,397,329 | 03/1995 | Allen | | |
| 101. | PS | 5,399,146 | 03/21/1995 | Nowacki et al. | | |

Examiner: *Patricia S. S.*

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|-------------|---------------------|-----------------|------------|------------------------|-----------------|------------------------------|
| 102. | PS | 5,400,384 | 03/1995 | Fernandes et al. | | |
| 103. | | 5,423,334 | 06/13/1995 | Jordan | | |
| 104. | | 5,426,683 | 06/1995 | O'Farrell, Jr., et al. | | |
| 105. | | 5,426,687 | 06/1995 | Goodall et al. | | |
| 106. | | 5,427,097 | 06/1995 | Depp | | |
| 107. | | 5,433,198 | 07/18/1995 | Desai | | |
| 108. | | 5,444,756 | 08/1995 | Pai et al. | | |
| 109. | | 5,446,548 | 08/1995 | Gerig et al. | | |
| 110. | | 5,447,154 | 09/05/1995 | Cinquin et al. | | |
| 111. | | 5,448,610 | 09/1995 | Yamamoto et al. | | |
| 112. | | 5,458,718 | 10/17/1995 | Venkitachalam | | |
| 113. | | 5,464,446 | 11/1995 | Dreessen et al. | | |
| 114. | | 5,478,341 | 12/1995 | Cook et al. | | |
| 115. | | 5,478,343 | 12/1995 | Ritter | | |
| 116. | | 5,483,961 | 01/16/1996 | Kelly et al. | | |
| 117. | | 5,485,849 | 01/23/1996 | Panescu et al. | | |
| 118. | | 5,487,391 | 01/30/1996 | Panescu | | |
| 119. | | 5,487,757 | 01/30/1996 | Truckai et al. | | |
| 120. | | 5,490,196 | 02/06/1996 | Rudich et al. | | |
| 121. | PS | 5,494,034 | 02/27/1996 | Schlondorff et al. | | |

Examiner: *Patricia S. Smith*

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U.S. PATENT DOCUMENTS

| Ref. Desig. | Examiner's Initials | Document Number | Date | Name | Class/ Subclass | (If appropriate) Filing Date |
|-------------|---------------------|-----------------|------------|--------------------|-----------------|------------------------------|
| 122. | PS | 5,503,416 | 04/1996 | Aoki et al. | | |
| 123. | | 5,515,160 | 05/07/1996 | Schulz et al. | | |
| 124. | | 5,531,227 | 07/02/1996 | Schneider | | |
| 125. | | 5,531,520 | 07/02/1996 | Grimson et al. | | |
| 126. | | 5,546,940 | 08/20/1996 | Panescu et al. | | |
| 127. | | 5,546,949 | 08/20/1996 | Frazin et al. | | |
| 128. | | 5,546,951 | 08/20/1996 | Ben-Haim | | |
| 129. | | 5,551,429 | 09/1996 | Fitzpatrick et al. | | |
| 130. | | 5,573,533 | 11/12/1996 | Strul | | |
| 131. | | 5,575,794 | 11/1996 | Walus et al. | | |
| 132. | | 5,583,909 | 12/1996 | Hanover | | |
| 133. | | 5,595,193 | 01/1997 | Walus et al. | | |
| 134. | | 5,596,228 | 01/1997 | Anderton et al. | | |
| 135. | | 5,617,462 | 04/1997 | Spratt | | |
| 136. | | 5,619,261 | 04/1997 | Anderton | | |
| 137. | | 5,627,873 | 05/1997 | Hanover et al. | | |
| 138. | | 5,628,315 | 05/13/1997 | Vilsmeier et al. | | |
| 139. | | 5,636,644 | 06/10/1997 | Hart et al | | |
| 140. | | 5,638,819 | 06/17/1997 | Manwaring et al. | | |
| 141. | PS | 5,642,395 | 06/1997 | Anderton et al. | | |

Examiner: *Paul J. Juhl*

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|-------------|---------------------|-----------------|------------|------------------|-----------------|------------------------------|
| 142. | ps | 5,643,268 | 07/01/1997 | Vilsmeier et al. | | |
| 143. | ↑ | 5,664,001 | 09/1997 | Tachibana et al. | | |
| 144. | | 5,674,296 | 10/07/1997 | Bryan et al. | | |
| 145. | | 5,681,260 | 10/28/1997 | Ueda et al | | |
| 146. | | 5,682,886 | 11/04/1997 | Delp et al. | | |
| 147. | | 5,690,108 | 11/1997 | Chakeres | | |
| 148. | | 5,695,501 | 12/09/1997 | Carol et al. | | |
| 149. | | 5,697,377 | 12/1997 | Wittkamp | | |
| 150. | | 5,702,406 | 12/30/1997 | Vilsmeier et al. | | |
| 151. | | 5,715,822 | 02/10/1998 | Watkins | | |
| 152. | | 5,715,836 | 02/10/1998 | Kliegis et al. | | |
| 153. | | 5,718,241 | 02/17/1998 | Ben-Haim et al. | | |
| 154. | | 5,727,552 | 03/17/1998 | Ryan | | |
| 155. | | 5,727,553 | 03/1998 | Saad | | |
| 156. | | 5,735,278 | 04/07/1998 | Hoult et al. | | |
| 157. | | 5,741,214 | 04/21/1998 | Ouchi et al. | | |
| 158. | | 5,742,394 | 04/1998 | Hansen | | |
| 159. | | 5,748,767 | 05/1998 | Raab | | |
| 160. | ↓ | 5,749,835 | 05/12/1998 | Glantz | | |
| 161. | ps | 5,755,725 | 05/26/1998 | Druais | | |

Examiner:

Paul Schi.

Date Considered:

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|-------------|---------------------|-----------------|------------|------------------------|-----------------|------------------------------|
| 162. | PS | 5,769,789 | 06/23/1998 | Wang et al. | | |
| 163. | ↑ | 5,769,861 | 06/23/1998 | Vilsmeier | | |
| 164. | | 5,772,594 | 06/1998 | Barrick | | |
| 165. | | 5,775,322 | 07/07/1998 | Silverstein et al | | |
| 166. | | 5,782,765 | 07/21/1998 | Jonkman | | |
| 167. | | 5,792,055 | 08/11/1998 | McKinnon | | |
| 168. | | 5,795,294 | 08/18/1998 | Luber et al. | | |
| 169. | | 5,797,849 | 08/1998 | Vesely et al. | | |
| 170. | | 5,799,055 | 08/1998 | Peshkin et al. | | |
| 171. | | 5,799,099 | 08/1998 | Wang et al. | | |
| 172. | | 5,800,535 | 09/01/1998 | Howard, III | | |
| 173. | | 5,802,719 | 09/1998 | O'Farrell, Jr., et al. | | |
| 174. | | 5,807,252 | 9/15/1998 | Hassfeld et al. | | |
| 175. | | 5,810,735 | 09/22/1998 | Halperin et al | | |
| 176. | | 5,823,192 | 10/1998 | Kalend et al. | | |
| 177. | | 5,823,958 | 10/20/1998 | Truppe | | |
| 178. | | 5,828,725 | 10/27/1998 | Levinson | | |
| 179. | | 5,834,759 | 11/10/1998 | Glossop | | |
| 180. | ↓ | 5,843,076 | 12/1/1998 | Webster, Jr. et al. | | |
| 181. | PS | 5,848,967 | 12/15/1998 | Cosman | | |

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|-------------|---------------------|-----------------|------------|--------------------|-----------------|------------------------------|
| 182. | PS | 5,865,846 | 02/02/1999 | Bryan et al. | | |
| 183. | | 5,868,675 | 02/09/1999 | Henrion et al. | | |
| 184. | | 5,871,455 | 09/1999 | Ueno | | |
| 185. | | 5,871,487 | 02/16/1999 | Warner et al. | | |
| 186. | | 5,884,410 | 03/1999 | Prinz | | |
| 187. | | 5,891,157 | 04/06/1999 | Day et al. | | |
| 188. | | 5,904,691 | 05/18/1999 | Barnett et al. | | |
| 189. | | 5,907,395 | 05/1999 | Schultz et al. | | |
| 190. | | 5,921,992 | 07/13/1999 | Costales et al. | | |
| 191. | | 5,923,727 | 07/1999 | Navab | | |
| 192. | | 5,928,248 | 7/27/1999 | Acker | | |
| 193. | | 5,938,603 | 8/17/1999 | Ponzi | | |
| 194. | | 5,938,694 | 08/17/1999 | Jaraczewski et al. | | |
| 195. | | 5,947,981 | 09/1999 | Cosman | | |
| 196. | | 5,951,475 | 09/14/1999 | Gueziec et al. | | |
| 197. | | 5,954,796 | 10/12/1999 | Imran | | |
| 198. | | 5,968,047 | 10/10/1999 | Reed | | |
| 199. | | 5,971,997 | 10/1999 | Guthrie et al. | | |
| 200. | | 5,980,535 | 11/1999 | Barnett et al. | | |
| 201. | PS | 5,983,126 | 11/09/1999 | Wittkamp | | |

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|-------------|---------------------|-----------------|------------|----------------|-----------------|------------------------------|
| 202. | P8 | 5,987,960 | 11/1999 | Messner et al. | | |
| 203. | ↑ | 5,999,837 | 12/1999 | Messner et al. | | |
| 204. | | 5,999,840 | 12/1999 | Grimson et al. | | |
| 205. | | 6,001,130 | 12/14/1999 | Bryan et al. | | |
| 206. | | 6,006,126 | 12/1999 | Cosman | | |
| 207. | | 6,016,439 | 01/2000 | Acker | | |
| 208. | | 6,050,724 | 04/2000 | Schmitz et al. | | |
| 209. | | 6,063,022 | 5/16/2000 | Ben-Haim | | |
| 210. | | 6,073,043 | 06/2000 | Schneider | | |
| 211. | | 6,118,845 | 09/12/2000 | Simon et al. | | |
| 212. | | 6,131,396 | 10/17/2000 | Duerr et al. | | |
| 213. | | 6,139,183 | 10/2000 | Graumann | | |
| 214. | | 6,149,592 | 11/2000 | Yanof et al. | | |
| 215. | | 6,156,067 | 12/05/2000 | Bryan et al. | | |
| 216. | | 6,167,296 | 12/2000 | Shahidi | | |
| 217. | | 6,175,756 | 1/16/2001 | Ferre et al. | | |
| 218. | | 6,223,067 | 04/24/2001 | Vilsmeier | | |
| 219. | | 6,273,896 | 08/14/2001 | Franck et al. | | |
| 220. | ↓ | 6,298,262 | 10/02/2001 | Franck et al. | | |
| 221. | P8 | 6,332,089 | 12/2001 | Acker et al. | | |

Examiner: *David S. Lee*

Date Considered: 26 OCT 2006

EXAMINER: Please initial if citation considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

FORM HDP-1449 (Based on Form PTO-1449)

PATENT AND TRADEMARK OFFICE
INFORMATION DISCLOSURE CITATION

(Use several sheets if necessary)

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SERIAL NO.

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U.S. PATENT DOCUMENTS

| Ref. Desig. | Examiner's Initials | Document Number | Date | Name | Class/ Subclass | (If appropriate) Filing Date |
|-------------|---------------------|-----------------|------------|-------------------|-----------------|------------------------------|
| 222. | PS | 6,341,231 | 1/22/2002 | Ferre et al. | | |
| 223. | | 6,351,659 | 02/26/2002 | Vilsmeier | | |
| 224. | | 6,381,485 | 04/30/2002 | Hunter et al. | | |
| 225. | | 6,424,856 | 07/23/2002 | Vilsmeier et al. | | |
| 226. | | 6,428,547 | 08/06/2002 | Vilsmeier et al. | | |
| 227. | | 6,434,415 | 08/13/2002 | Foley et al. | | |
| 228. | | 6,445,943 | 9/3/2002 | Ferre et al. | | |
| 229. | | 6,470,207 | 10/22/2002 | Simon et al. | | |
| 230. | | 6,474,341 | 11/05/2002 | Hunter et al. | | |
| 231. | | 6,498,944 | 12/24/2002 | Ben-Haim et al | | |
| 232. | | 6,499,488 | 12/31/2002 | Hunter et al. | | |
| 233. | | 6,527,443 | 03/04/2003 | Vilsmeier et al. | | |
| 234. | | 6,551,325 | 04/22/2003 | Neubauer et al. | | |
| 235. | | 6,584,174 | 06/24/2003 | Schubert et al. | | |
| 236. | | 6,609,022 | 08/19/2003 | Vilsmeier et al. | | |
| 237. | | 6,611,700 | 08/26/2003 | Vilsmeier et al. | | |
| 238. | | 6,640,128 | 10/28/2003 | Vilsmeier et al. | | |
| 239. | | 6,694,162 | 02/17/2004 | Hartlep | | |
| 240. | PS | 6,701,179 | 03/02/2004 | Martinelli et al. | | |

Examiner:

Paul Schell

Date Considered: 26 OCT 2006

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FORM HDP-1449 (Based on Form PTO-1449)

**PATENT AND TRADEMARK OFFICE
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Sheet 13 of 19

ATTORNEY DOCKET NO.

5074A-000001/COB

SERIAL NO.

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APPLICANT

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August 26, 2003

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FOREIGN PATENT DOCUMENTS

| Ref. Desig. | Examiner's Initials | Document Number | Date | Country | Class/ Subclass | Translation Yes | No |
|----------------|------------------------|--------------------|------------|---------|--------------------|--------------------|----|
| 1. | ps | WO 01/30437 A1 | 05/03/2001 | WIPO | | | |
| 2. | | WO 99/60939 | 12/1999 | WIPO | | | |
| 3. | | WO 98/38908 | 09/11/1998 | PCT | | | |
| 4. | | WO 94/24933 | 11/10/1994 | PCT | | | |
| 5. | | WO 94/23647 | 10/27/1994 | PCT | | | |
| 6. | | WO 96/11624 | 04/25/1996 | PCT | | | |
| 7. | | WO 88/09151 | 12/01/1988 | PCT | | Abstrac t | |
| 8. | | WO 98/08554 | 03/1998 | WIPO | | | |
| 9. | | WO 89/05123 | 06/1989 | PCT | | | |
| 10. | | WO 91/04711 | 04/18/1991 | PCT | | Abstrac t | |
| 11. | | WO 91/03982 | 04/1991 | WIPO | | | |
| 12. | | WO 92/03090 | 03/05/1992 | PCT | | | |
| 13. | | EP 0 319 844 A1 | 01/1988 | EPO | | | |
| 14. | | EP 0 581 704 B1 | 07/27/1993 | EPO | | U.S. Equiv | |
| 15. | | EP 0 651 968 A1 | 08/1990 | EPO | | | |
| 16. | | 0350996 A1 | 01/1990 | EPO | | | |
| 17. | | 964149 | 03/1975 | Canada | | | |
| 18. | ↓ | 2417970 | 02/20/1979 | France | | U.S. Equiv | |
| 19. | ps | JP 2765738 | | Japan | | | |

Examiner:

Paul J. [Signature]

Date Considered: 24 OCT 2006

EXAMINER: Please initial if citation considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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| FORM HDP-1449 (Based on Form PTO-1449) PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE CITATION (Use several sheets if necessary) Sheet 14 of 19 | ATTORNEY DOCKET NO. | SERIAL No. |
| | 5074A-000001/COB | 10/649,214 |
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| FOREIGN PATENT DOCUMENTS | | | | | | | |
|--------------------------|---------------------|-----------------|---------|---------|-----------------|-----------------------|---|
| Ref. Desig. | Examiner's Initials | Document Number | Date | Country | Class/ Subclass | Translation Yes No | |
| 20. | PS | DE 3042343 A1 | 06/1982 | Germany | | | X |
| 21. | | DE 3831278 A1 | 03/1989 | Germany | | U.S. Equiv | |
| 22. | | DE 4233978 C1 | 04/1994 | Germany | | U.S. Equiv | |
| 23. | PS | DE 10085137 | | Germany | | U.S. Equiv. | |

| OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, etc.) | | |
|------------------------------------------------------------------------|---------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Ref. Desig. | Examiner's Initials | |
| 1. | PS | "Prestige Cervical Disc System Surgical Technique", 12 pgs. |
| 2. | | Adams et al., "Orientation Aid for Head and Neck Surgeons," Innov. Tech. Biol. Med., Vol. 13, No. 4, 1992, pp. 409-424. |
| 3. | | Barrick et al., "Prophylactic Intramedullary Fixation of the Tibia for Stress Fracture in a Professional Athlete," Journal of Orthopaedic Trauma, Vol. 6, No. 2, pp. 241-244 (1992). |
| 4. | | Barrick et al., "Technical Difficulties with the Brooker-Wills Nail in Acute Fractures of the Femur," Journal of Orthopaedic Trauma, Vol. 6, No. 2, pp. 144-150 (1990). |
| 5. | | Barrick, "Distal Locking Screw Insertion Using a Cannulated Drill Bit: Technical Note," Journal of Orthopaedic Trauma, Vol. 7, No. 3, 1993, pp. 248-251. |
| 6. | | Batnitzky et al., "Three-Dimensinal Computer Reconstructions of Brain Lesions from Surface Contours Provided by Computed Tomography: A Prospectus," Neurosurgery, Vol. 11, No. 1, Part 1, 1982, pp. 73-84. |
| 7. | | Bouazza-Marouf et al., "Robotic-Assisted Internal Fixation of Femoral Fractures", IMECHE., pp. 51-58 (1995) |
| 8. | | Brack et al., "Accurate X-ray Based Navigation in Computer-Assisted Orthopedic Surgery," CAR '98, pp. 716-722. |
| 9. | PS | Bryan, "Bryan Cervical Disc System Single Level Surgical Technique", Spinal Dynamics, 2002, pp. 1-33. |

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|-------------------------------|-------------------------------------|
| Examiner: <u>Paul J. Soli</u> | Date Considered: <u>26 OCT 2006</u> |
|-------------------------------|-------------------------------------|

EXAMINER: Please initial if citation considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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| FORM HDP-1449 (Based on Form PTO-1449) PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE CITATION (Use several sheets if necessary) Sheet 15 of 19 | ATTORNEY DOCKET No. | SERIAL No. |
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| | Jascob et al. | |
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| OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.) | | |
|------------------------------------------------------------------------|---------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Ref. Desig. | Examiner's Initials | |
| 10. | PS | Bucholz et al., "Variables affecting the accuracy of stereotactic localization using computerized tomography," Journal of Neurosurgery, Vol. 79, November 1993, pp. 667-673. |
| 11. | ↑ | Champleboux et al., "Accurate Calibration of Cameras and Range Imaging Sensors: the NPBS Method," IEEE International Conference on Robotics and Automation, Nice, France, May, 1992. |
| 12. | | Champleboux, "Utilisation de Fonctions Splines pour la Mise au Point D'un Capteur Tridimensionnel sans Contact," Quelques Applications Medicales, July 1991. |
| 13. | | Cinquin et al., "Computer Assisted Medical Interventions," IEEE Engineering in Medicine and Biology, May/June 1995, pp. 254-263. |
| 14. | | Cinquin et al., "Computer Assisted Medical Interventions," International Advanced Robotics Programme, September 1989, pp. 63-65. |
| 15. | | Clarysse et al., "A Computer-Assisted System for 3-D Frameless Localization in Stereotaxic MRI," IEEE Transactions on Medical Imaging, Vol. 10, No. 4, December 1991, pp. 523-529. |
| 16. | | Feldmar et al., "3D-2D Projective Registration of Free-Form Curves and Surfaces," Rapport de recherche (Inria Sophia Antipolis), 1994, pages 1-44. |
| 17. | | Foley et al., "Fundamentals of Interactive Computer Graphics," The Systems Programming Series, Chapter 7, July 1984, pp. 245-266. |
| 18. | | Foley et al., "Image-guided Intraoperative Spinal Localization," Intraoperative Neuroprotection, Chapter 19, 1996, pp. 325-340. |
| 19. | | Foley, "The StealthStation: Three-Dimensional Image-Interactive Guidance for the Spine Surgeon," Spinal Frontiers, April 1996, pp. 7-9 |
| 20. | | Gildenberg et al., "Calculation of Stereotactic Coordinates from the Computed Tomographic Scan," Neurosurgery, Vol. 10, No. 5, May 1982, pp. 580-586. |
| 21. | | Gonzalez, "Digital Image Fundamentals," Digital Image Processing, Second Edition, 1987, pp. 52-54. |
| 22. | ↓ | Gottesfeld Brown et al., "Registration of Planar Film Radiographs with Computer Tomography," Proceedings of MMBIA, June '96, pp. 42-51. |
| 23. | PS | Gueziec et al., "Registration of Computed Tomography Data to a Surgical Robot Using Fluoroscopy: A Feasibility Study," Computer Science/Mathematics, Sept. 27, 1996, 6 pages. |

| | |
|--------------------------------|------------------------------|
| Examiner: <i>Paul H. Green</i> | Date Considered: 26 OCT 2006 |
|--------------------------------|------------------------------|

EXAMINER: Please initial if citation considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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| FORM HDP-1449 (Based on Form PTO-1449) PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE CITATION (Use several sheets if necessary) Sheet 16 of 19 | ATTORNEY DOCKET NO. | SERIAL NO. |
| | 5074A-000001/COB | 10/649,214 |
| | APPLICANT | |
| | Jascob et al. | |
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| | August 26, 2003 | 3737 |

| OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.) | | |
|------------------------------------------------------------------------|---------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Ref. Desig. | Examiner's Initials | |
| 24. | PS | Hamadeh et al, "Kinematic Study of Lumbar Spine Using Functional Radiographies and 3D/2D Registration," TIMC UMR 5525 - IMAG |
| 25. | 1 | Hamadeh et al., "Automated 3-Dimensional Computed Tomographic and Fluoroscopic Image Registration," Computer Aided Surgery (1998), 3:11-19. |
| 26. | | Hamadeh et al., "Towards Automatic Registration Between CT and X-ray Images: Cooperation Between 3D/2D Registration and 2D Edge Detection," MRCAS '95, pp. 39-46. |
| 27. | | Hatch, "Reference-Display System for the Integration of CT Scanning and the Operating Microscope," Thesis, Thayer School of Engineering, October 1984, pp. 1-189. |
| 28. | | Heilbrun et al., "Preliminary experience with Brown-Roberts-Wells (BRW) computerized tomography stereotaxic guidance system," Journal of Neurosurgery, Vol. 59, August 1983, pp. 217-222. |
| 29. | | Henderson et al., "An Accurate and Ergonomic Method of Registration for Image-guided Neurosurgery," Computerized Medical Imaging and Graphics, Vol. 18, No. 4, July-August 1994, pp. 273-277. |
| 30. | | Hoerenz, "The Operating Microscope I. Optical Principles, Illumination Systems, and Support Systems," Journal of Microsurgery, Vol. 1, 1980, pages 364-369. |
| 31. | | Hofstetter et al., "Fluoroscopy Based Surgical Navigation - Concept and Clinical Applications," Computer Assisted Radiology and Surgery, 1997, pages 956-960. |
| 32. | | Horner et al., "A Comparison of CT-Stereotaxic Brain Biopsy Techniques," Investigative Radiology, Sep.-Oct. 1984, pp. 367-373. |
| 33. | | Hounsfield, "Computerized transverse axial scanning (tomography): Part 1. Description of system," British Journal of Radiology, Vol. 46, No. 552, December 1973, pp. 1016-1022. |
| 34. | | Jacques et al., "A Computerized Microstereotactic Method to Approach, 3-Dimensionally Reconstruct, Remove and Adjuvantly Treat Small CNS Lesions," Applied Neurophysiology, Vol. 43, 1980, pp. 176-182. |
| 35. | | Jacques et al., "Computerized three-dimensional stereotaxic removal of small central nervous system lesion in patients," J. Neurosurg., Vol. 53, December 1980, pp. 816-820. |
| 36. | | Joskowicz et al., "Computer-Aided Image-Guided Bone Fracture Surgery: Concept and Implementation," CAR '98, pp. 710-715. |
| 37. | PS | Kelly et al., "Computer-assisted stereotaxic laser resection of intra-axial brain neoplasms," Journal of Neurosurgery, Vol. 64, March 1986, pp. 427-439. |

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|-----------------------------|------------------------------|
| Examiner: <i>Paul Sorel</i> | Date Considered: 26 OCT 2006 |
|-----------------------------|------------------------------|

EXAMINER: Please initial if citation considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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| FORM HDP-1449 (Based on Form PTO-1449) PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE CITATION (Use several sheets if necessary) Sheet 17 of 19 | ATTORNEY DOCKET NO. | SERIAL NO. |
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| | Jascob et al. | |
| | FILING DATE | GROUP |
| | August 26, 2003 | 3737 |

| OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, etc.) | | |
|------------------------------------------------------------------------|---------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Ref. Desig. | Examiner's Initials | |
| 38. | PS | Kelly et al., "Precision Resection of Intra-Axial CNS Lesions by CT-Based Stereotactic Craniotomy and Computer Monitored CO2 Laser," Acta Neurochirurgica, Vol. 68, 1983, pp. 1-9. |
| 39. | | Laitinen et al., "An Adapter for Computed Tomography-Guided, Stereotaxis," Surg. Neurol., 1985, pp. 559-566. |
| 40. | | Laitinen, "Noninvasive multipurpose stereoadapter," Neurological Research, June 1987, pp. 137-141. |
| 41. | | Lavallee et al., "Matching 3-D Smooth Surfaces with their 2-D Projections using 3-D Distance Maps," SPIE, Vol. 1570, Geometric Methods in Computer Vision, 1991, pp. 322-336. |
| 42. | | Lavallee et al., "Computer Assisted Driving of a Needle into the Brain," Proceedings of the International Symposium CAR '89, Computer Assisted Radiology, 1989, pp. 416-420. |
| 43. | | Lavallee et al., "Computer Assisted Interventionist Imaging: The Instance of Stereotactic Brain Surgery," North-Holland MEDINFO 89, Part 1, 1989, pp. 613-617. |
| 44. | | Lavallee et al., "Computer Assisted Spine Surgery: A Technique For Accurate Transpedicular Screw Fixation Using CT Data and a 3-D Optical Localizer," TIMC, Faculte de Medecine de Grenoble. |
| 45. | | Lavallee et al., "Image guided operating robot: a clinical application in stereotactic neurosurgery," Proceedings of the 1992 IEEE Internation Conference on Robotics and Automation, May 1992, pp. 618-624. |
| 46. | | Lavallee et al., "Matching of Medical Images for Computed and Robot Assisted Surgery," IEEE EMBS, Orlando, 1991. |
| 47. | | Lavallee, "A New System for Computer Assisted Neurosurgery," IEEE Engineering in Medicine & Biology Society 11th Annual International Conference, 1989, pp. 0926-0927. |
| 48. | | Lavallee, "VI Adaption de la Methodologie a Quelques Applications Cliniques," Chapitre VI, pp. 133-148. |
| 49. | ✓ | Leksell et al., "Stereotaxis and Tomography - A Technical Note," ACTA Neurochirurgica, Vol. 52, 1980, pp.1-7. |
| 50. | PS | Lemieux et al., "A Patient-to-Computed-Tomography Image Registration Method Based on Digitally Reconstructed Radiographs," Med. Phys. 21 (11), November 1994, pp. 1749-1760. |

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|---------------------------------|-------------------------------------|
| Examiner: <u>Patricia Seale</u> | Date Considered: <u>26 OCT 2006</u> |
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| FORM HDP-1449 (Based on Form PTO-1449) PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE CITATION (Use several sheets if necessary) Sheet 18 of 19 | ATTORNEY DOCKET NO. | SERIAL NO. |
| | 5074A-000001/COB | 10/649,214 |
| | APPLICANT | |
| | Jascob et al. | |
| | FILING DATE | GROUP |
| | August 26, 2003 | 3737 |

| OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.) | | |
|------------------------------------------------------------------------|---------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Ref. Desig. | Examiner's Initials | |
| 51. | PS | Levin et al., "The Brain: Integrated Three-dimensional Display of MR and PET Images," Radiology, Vol. 172, No. 3, September 1989, pp. 783-789. |
| 52. | | Mazier et al., "Computer-Assisted Interventionist Imaging: Application to the Vertebral Column Surgery," Annual International Conference of the IEEE Engineering in Medicine and Biology Society, Vol. 12, No. 1, 1990, pp. 0430-0431. |
| 53. | | Mazier et al., Chirurgie de la Colonne Vertebrale Assistee par Ordinateur: Application au Vissage Pediculaire, Innov. Tech. Biol. Med., Vol. 11, No. 5, 1990, pp. 559-566. |
| 54. | | Pelizzari et al., "Accurate Three-Dimensional Registration of CT, PET, and/or MR Images of the Brain," Journal of Computer Assisted Tomography, January/February 1989, pp. 20-26. |
| 55. | | Pelizzari et al., "Interactive 3D Patient-Image Registration," Information Processing in Medical Imaging, 12th International Conference, IPMI '91, July 7-12, 136-141 (A.C.F. Colchester et al. eds. 1991). |
| 56. | | Pelizzari et al., No. 528 - "Three Dimensional Correlation of PET, CT and MRI Images," The Journal of Nuclear Medicine, Vol. 28, No. 4, April 1987, p.682. |
| 57. | | Phillips et al., "Image Guided Orthopaedic Surgery Design and Analysis," Trans Inst. MC, Vol. 17, No. 5, 1995, pp. 251-264. |
| 58. | | Potamianos et al., "Intra-Operative Imaging Guidance for Keyhole Surgery Methodology and Calibration," First International Symposium on Medical Robotics and Computer Assisted Surgery, September 22-24, 1994, pp. 98-104. |
| 59. | | Reinhardt et al., "CT-Guided 'Real Time' Stereotaxy," ACTA Neurochirurgica, 1989. |
| 60. | | Roberts et al., "A frameless stereotaxic integration of computerized tomographic imaging and the operating microscope," J. Neurosurg., Vol. 65, October 1986, pp. 545-549. |
| 61. | | Rosenbaum et al., "Computerized Tomography Guided Stereotaxis: A New Approach," Applied Neurophysiology, Vol. 43, No. 3-5, 1980, pp. 172-173. |
| 62. | | Sautot, "Vissage Pediculaire Assiste Par Ordinateur," September 20, 1994. |
| 63. | | Schueler et al., "Correction of Image Intensifier Distortion for Three-Dimensional X-Ray Angiography," SPIE Medical Imaging 1995, Vol. 2432, pp. 272-279. |
| 64. | PS | Selvik et al., "A Roentgen Stereophotogrammetric System," Acta Radiologica Diagnosis, 1983, pp. 343-352. |

| | |
|----------------------------|------------------------------|
| Examiner: <i>Paul Sore</i> | Date Considered: 26 OCT 2006 |
|----------------------------|------------------------------|

EXAMINER: Please initial if citation considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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| FORM HDP-1449 (Based on Form PTO-1449) PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE CITATION (Use several sheets if necessary) Sheet 19 of 19 | ATTORNEY DOCKET NO. | SERIAL NO. |
| | 5074A-000001/COB | 10/649,214 |
| | APPLICANT | |
| | Jascob et al. | |
| | FILING DATE | GROUP |
| | August 26, 2003 | 3737 |

| OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.) | | |
|------------------------------------------------------------------------|---------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Ref. Desig. | Examiner's Initials | |
| 65. | PS | Shelden et al., "Development of a computerized microstereotaxic method for localization and removal of minute CNS lesions under direct 3-D vision," J. Neurosurg., Vol. 52, 1980, pp. 21-27. |
| 66. | ↑ | Smith et al., "Computer Methods for Improved Diagnostic Image Display Applied to Stereotactic Neurosurgery," Automedical, Vol. 14, 1992, pp. 371-382 (4 unnumbered pages). |
| 67. | | Smith et al., "The Neurostation™--A Highly Accurate, Minimally Invasive Solution to Frameless Stereotactic Neurosurgery," Computerized Medical Imaging and Graphics, Vol. 18, July - August 1994, pp. 247-256. |
| 68. | | The Laitinen Stereotactic System, E2-E6. |
| 69. | | Viant et al., "A Computer Assisted Orthopaedic System for Distal Locking of Intramedullary Nails," Proc. of MediMEC '95, Bristol, 1995, pp. 86-91. |
| 70. | | Watanabe et al., "Three-Dimensional Digitizer (Neuronavigator): New Equipment for Computed Tomography-Guided Stereotaxic Surgery," Surgical Neurology, Vol. 27, No. 6, June 1987, pp. 543-547. |
| 71. | | Watanabe, "Neuronavigator," Igaku-no-Ayumi, Vol. 137, No. 6, May 10, 1986, pp. 1-4. |
| 72. | | Weese et al., "An Approach to 2D/3D Registration of a Vertebra in 2D X-ray Fluoroscopies with 3D CT Images," pp. 119-128. |
| 73. | | Germano, "Instrumentation, Technique and Technology", Neurosurgery, Vol. 37, No. 2, August, 1995, pgs. 348-350 |
| 74. | ↓ | Merloz, et al., "Computer Assisted Spine Surgery", Clinical Assisted Spine Surgery, No. 337, pgs. 86-96 |
| 75. | PS | Hatch, et al., "Reference-Display System for the Integration of CT Scanning and the Operating Microscope", Proceedings of the Eleventh Annual Northeast Bioengineering Conference, March 14-15, 1985, pgs. 252-254 |

| | |
|-----------------------------|------------------------------|
| Examiner: <i>Paula Sore</i> | Date Considered: 26 OCT 2006 |
|-----------------------------|------------------------------|

EXAMINER: Please initial if citation considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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| FORM HDP-1449 (Based on Form PTO-1449) PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE CITATION (Use several sheets if necessary) Sheet 1 of 9 | ATTORNEY DOCKET NO. | SERIAL No. |
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| | Jascob, et al. | |
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| U.S. PATENT DOCUMENTS | | | | | | |
|-----------------------|---------------------|-----------------|---------|----------------------|-----------------|------------------------------|
| Ref. Desig. | Examiner's Initials | Document Number | Date | Name | Class/ Subclass | (If appropriate) Filing Date |
| 1. | PS | 10/252,258 | 09/2002 | Martinelli, et al. | | |
| 2. | ↑ | 3,674,014 | 07/1972 | Tillander | | |
| 3. | | 3,868,565 | 02/1975 | Kuipers | | |
| 4. | | 4,054,881 | 10/1977 | Frederick H. Raab | | |
| 5. | | 4,173,228 | 11/1979 | Van Steenwyk, et al. | | |
| 6. | | 4,262,306 | 04/1981 | Karlheinz Renner | | |
| 7. | | 4,287,809 | 09/1981 | Egli, et al. | | |
| 8. | | 4,314,251 | 02/1982 | Raab | | |
| 9. | | 4,317,078 | 02/1982 | Weed, et al. | | |
| 10. | | 4,339,953 | 07/1982 | Iwasaki | | |
| 11. | | 4,396,885 | 08/1983 | Constant | | |
| 12. | | 4,422,041 | 12/1983 | Lienau | | |
| 13. | | 4,431,005 | 02/1984 | McCormick | | |
| 14. | | 4,572,198 | 02/1986 | Codrington | | |
| 15. | | 4,613,866 | 09/1986 | Blood | | |
| 16. | | 4,618,978 | 10/1986 | Cosman | | |
| 17. | | 4,642,786 | 02/1987 | Hansen | | |
| 18. | | 4,649,504 | 03/1987 | Krouglicof, et al. | | |
| 19. | | 4,737,794 | 04/1988 | Jones | | |
| 20. | | 4,821,731 | 04/1989 | Martinelli | | |
| 21. | PS | 4,836,778 | 06/1989 | Baumrind, et al. | | |

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| Examiner: <i>[Signature]</i> | Date Considered: 26 OCT 2006 |
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EXAMINER: Please initial if citation considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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| FORM HDP-1449 (Based on Form PTO-1449) PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE CITATION (Use several sheets if necessary) Sheet 2 of 9 | ATTORNEY DOCKET NO. | | SERIAL No. |
| | 5074A-000001/COB | | To Be Assigned |
| | APPLICANT | | |
| | Jascob, et al. | | |
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| U.S. PATENT DOCUMENTS | | | | | | |
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| Ref. Desig. | Examiner's Initials | Document Number | Date | Name | Class/ Subclass | (If appropriate) Filing Date |
| 22. | PS | 4,849,692 | 07/1989 | Blood | | |
| 23. | | 4,905,698 | 03/1990 | Strohl, Jr., et al. | | |
| 24. | | 4,945,305 | 07/1990 | Blood | | |
| 25. | | 4,977,655 | 12/1990 | Martinelli | | |
| 26. | | 4,989,608 | 02/1991 | Ratner | | |
| 27. | | 4,991,579 | 02/1991 | Allen | | |
| 28. | | 5,002,058 | 03/1991 | Martinelli | | |
| 29. | | 5,005,592 | 04/1991 | Cartmell | | |
| 30. | | 5,016,639 | 05/1991 | Allen | | |
| 31. | | 5,042,486 | 08/1991 | Pfeiler, et al. | | |
| 32. | | 5,050,608 | 09/1991 | Watanabe, et al. | | |
| 33. | | 5,054,492 | 10/1991 | Scribner, et al. | | |
| 34. | | 5,059,789 | 10/1991 | Salcudean | | |
| 35. | | 5,086,401 | 02/1992 | Glassman, et al. | | |
| 36. | | 5,099,845 | 03/1992 | Besz, et al. | | |
| 37. | | 5,105,829 | 04/1992 | Fabian, et al. | | |
| 38. | | 5,152,288 | 10/1992 | Hoening, et al. | | |
| 39. | | 5,161,536 | 11/1992 | Vilkomerson, et al. | | |
| 40. | | 5,187,475 | 02/1993 | Wagener, et al. | | |
| 41. | PS | 5,197,476 | 03/1993 | Nowacki, et al. | | |

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| Examiner: <i>Paul S. Lee</i> | Date Considered: 26 OCT 2006 |
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| FORM HDP-1449 (Based on Form PTO-1449) PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE CITATION (Use several sheets if necessary) Sheet 3 of 9 | ATTORNEY DOCKET NO. | SERIAL No. |
| | 5074A-000001/COB | To Be Assigned |
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| Ref. Desig. | Examiner's Initials | Document Number | Date | Name | Class/ Subclass | (If appropriate) Filing Date |
| 42. | PS | 5,198,768 | 03/1993 | Keren | | |
| 43. | | 5,198,877 | 03/1993 | Schulz | | |
| 44. | | 5,211,164 | 05/1993 | Allen | | |
| 45. | | 5,211,165 | 05/1993 | Dumoulin, et al. | | |
| 46. | | 5,214,615 | 05/1993 | Bauer | | |
| 47. | | 5,222,499 | 06/1993 | Allen, et al. | | |
| 48. | | 5,228,442 | 07/1993 | Imran | | |
| 49. | | 5,249,581 | 10/1993 | Horbal, et al. | | |
| 50. | | 5,251,635 | 10/1993 | Dumoulin, et al. | | |
| 51. | | 5,253,647 | 10/1993 | Takahashi, et al. | | |
| 52. | | 5,255,680 | 10/1993 | Darrow, et al. | | |
| 53. | | 5,257,636 | 11/1993 | White | | |
| 54. | | 5,265,610 | 11/1993 | Darrow, et al. | | |
| 55. | | 5,265,611 | 11/1993 | Hoenig, et al. | | |
| 56. | | 5,269,759 | 12/1993 | Hernandez, et al. | | |
| 57. | | 5,271,400 | 12/1993 | Dumoulin, et al. | | |
| 58. | | 5,273,025 | 12/1993 | Sakiyama, et al. | | |
| 59. | | 5,274,551 | 12/1993 | Corby, Jr. | | |
| 60. | | 5,279,309 | 01/1994 | Taylor, et al. | | |
| 61. | PS | 5,295,483 | 03/1994 | Nowacki, et al. | | |

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| Examiner: <i>Paul S. Sell</i> | Date Considered: 26 OCT 2006 |
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| FORM HDP-1449 (Based on Form PTO-1449) PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE CITATION (Use several sheets if necessary) Sheet 4 of 9 | ATTORNEY DOCKET No. | SERIAL No. |
| | 5074A-000001/COB | To Be Assigned |
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| Ref. Desig. | Examiner's Initials | Document Number | Date | Name | Class/ Subclass | (If appropriate) Filing Date |
| 62. | ps | 5,299,254 | 03/1994 | Dancer, et al. | | |
| 63. | ps | 5,299,288 | 03/1994 | Glassman, et al. | | |
| 64. | | 5,309,913 | 05/1994 | Kormas, et al. | | |
| 65. | | 5,315,630 | 05/1994 | Sturm, et al. | | |
| 66. | | 5,316,024 | 05/1994 | Hirschi, et al. | | |
| 67. | | 5,318,025 | 06/1994 | Dumoulin, et al. | | |
| 68. | | 5,325,873 | 07/1994 | Hirschi, et al. | | |
| 69. | | 5,353,795 | 10/1994 | Souza, et al. | | |
| 70. | | 5,368,030 | 11/1994 | Zinreich, et al. | | |
| 71. | | 5,375,596 | 12/1994 | Twiss, et al. | | |
| 72. | | 5,377,678 | 01/1995 | Dumoulin, et al. | | |
| 73. | | 5,383,454 | 01/1995 | Bucholz | | |
| 74. | | 5,386,828 | 02/1995 | Owens, et al. | | |
| 75. | | 5,389,101 | 02/1995 | Heilbrun, et al. | | |
| 76. | | 5,391,199 | 02/1995 | Ben-Haim | | |
| 77. | | 5,402,801 | 04/1995 | Taylor | | |
| 78. | | 5,408,409 | 04/1995 | Glassman, et al. | | |
| 79. | | 5,417,210 | 05/1995 | Funda, et al. | | |
| 80. | | 5,419,325 | 05/1995 | Dumoulin, et al. | | |
| 81. | ps | 5,425,367 | 06/1995 | Shapiro, et al. | | |

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| Examiner: <i>Paul S. Seel</i> | Date Considered: 26 OCT 2004 |
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FORM HDP-1449 (Based on Form PTO-1449)

**PATENT AND TRADEMARK OFFICE
INFORMATION DISCLOSURE CITATION**
(Use several sheets if necessary)

Sheet 5 of 9

ATTORNEY DOCKET NO.

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| Ref. Desig. | Examiner's Initials | Document Number | Date | Name | Class/ Subclass | (If appropriate) Filing Date |
|-------------|---------------------|-----------------|---------|-------------------|-----------------|------------------------------|
| 82. | PS | 5,425,382 | 06/1995 | Golden, et al. | | |
| 83. | | 5,429,132 | 07/1995 | Guy, et al. | | |
| 84. | | 5,437,277 | 08/1995 | Dumoulin, et al. | | |
| 85. | | 5,443,066 | 08/1995 | Dumoulin, et al. | | |
| 86. | | 5,443,489 | 08/1995 | Ben-Haim | | |
| 87. | | 5,445,144 | 08/1995 | Wodicka, et al. | | |
| 88. | | 5,445,150 | 08/1995 | Dumoulin, et al. | | |
| 89. | | 5,445,166 | 08/1995 | Taylor | | |
| 90. | | 5,453,686 | 09/1995 | Anderson | | |
| 91. | | 5,456,718 | 10/1995 | Szymaitis | | |
| 92. | | 5,480,422 | 01/1996 | Ben-Haim | | |
| 93. | | 5,483,951 | 01/1996 | Kelly, et al. | | |
| 94. | | 5,487,729 | 01/1996 | Avellanet, et al. | | |
| 95. | | 5,513,637 | 05/1996 | Twiss, et al. | | |
| 96. | | 5,517,990 | 05/1996 | Kalfas, et al. | | |
| 97. | | 5,542,938 | 08/1996 | Avellanet, et al. | | |
| 98. | | 5,546,951 | 08/1996 | Ben-Haim | | |
| 99. | | 5,558,091 | 09/1996 | Acker, et al. | | |
| 100. | | 5,568,809 | 10/1996 | Ben-Haim | | |
| 101. | PS | 5,572,999 | 11/1996 | Funda, et al. | | |

Examiner:

David S. ...

Date Considered:

24 OCT 2006

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| FORM HDP-1449 (Based on Form PTO-1449) PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE CITATION (Use several sheets if necessary) Sheet 6 of 9 | ATTORNEY DOCKET No. | SERIAL No. |
| | 5074A-000001/COB | To Be Assigned |
| | APPLICANT | |
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| U.S. PATENT DOCUMENTS | | | | | | |
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| Ref. Desig. | Examiner's Initials | Document Number | Date | Name | Class/ Subclass | (If appropriate) Filing Date |
| 102. | PS | 5,588,430 | 12/1996 | Bova | | |
| 103. | ↑ | 5,592,939 | 01/1997 | Martinelli | | |
| 104. | ↑ | 5,600,330 | 02/1997 | Blood | | |
| 105. | | 5,603,318 | 02/1997 | Heilbrun, et al. | | |
| 106. | | 5,617,857 | 04/1997 | Chader, et al. | | |
| 107. | | 5,622,169 | 04/1997 | Golden, et al. | | |
| 108. | | 5,622,170 | 04/1997 | Schulz | | |
| 109. | | 5,630,431 | 05/1997 | Taylor | | |
| 110. | | 5,640,170 | 06/1997 | Anderson | | |
| 111. | | 5,645,065 | 07/1997 | Shapiro, et al. | | |
| 112. | | 5,647,361 | 07/1997 | Damadian | | |
| 113. | | 5,662,111 | 09/1997 | Cosman | | |
| 114. | | 5,676,673 | 10/1997 | Ferre | | |
| 115. | | 5,694,945 | 12/1997 | Ben-Haim | | |
| 116. | | 5,695,500 | 12/1997 | Taylor | | |
| 117. | | 5,711,299 | 01/1998 | Manwaring, et al. | | |
| 118. | | 5,713,946 | 02/1998 | Ben-Haim | | |
| 119. | | 5,729,129 | 03/1998 | Acker | | |
| 120. | ↓ | 5,730,129 | 03/1998 | Darrow, et al. | | |
| 121. | PS | 5,730,130 | 03/1998 | Fitzpatrick, et al. | | |

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| Examiner: <u>Daniel Sohl</u> | Date Considered: <u>26 OCT 2006</u> |
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| FORM HDP-1449 (Based on Form PTO-1449) PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE CITATION (Use several sheets if necessary) Sheet 7 of 9 | ATTORNEY DOCKET No. | SERIAL No. |
| | 5074A-000001/COB | To Be Assigned |
| | APPLICANT | |
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| Ref. Desig. | Examiner's Initials | Document Number | Date | Name | Class/ Subclass | (If appropriate) Filing Date |
| 122. | Pg | 5,732,703 | 03/1998 | Kalfas, et al. | | |
| 123. | | 5,738,096 | 04/1998 | Ben-Haim | | |
| 124. | | 5,740,808 | 04/1998 | Panescu, et al. | | |
| 125. | | 5,744,953 | 04/1998 | Hansen | | |
| 126. | | 5,749,362 | 05/1998 | Funda, et al. | | |
| 127. | | 5,752,513 | 05/1998 | Acker, et al. | | |
| 128. | | 5,758,667 | 06/1998 | Slettenmark | | |
| 129. | | 5,762,064 | 06/1998 | Polvani | | |
| 130. | | 5,767,669 | 06/1998 | Hansen, et al. | | |
| 131. | | 5,776,064 | 07/1998 | Kalfas, et al. | | |
| 132. | | 5,787,886 | 08/1998 | Kelly, et al. | | |
| 133. | | 5,800,352 | 09/1998 | Ferre, et al. | | |
| 134. | | 5,803,089 | 09/1998 | Ferre, et al. | | |
| 135. | | 5,810,728 | 09/1998 | Kuhn | | |
| 136. | | 5,829,444 | 11/1998 | Ferre, et al. | | |
| 137. | | 5,831,260 | 11/1998 | Hansen | | |
| 138. | | 5,833,608 | 11/1998 | Acker | | |
| 139. | | 5,836,954 | 11/1998 | Heilbrun, et al. | | |
| 140. | | 5,840,024 | 11/1998 | Taniguchi, et al. | | |
| 141. | Pg | 5,840,025 | 11/1998 | Ben-Haim | | |

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| Examiner: <u>David Sehl</u> | Date Considered: <u>26 OCT 2006</u> |
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| FORM HDP-1449 (Based on Form PTO-1449) PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE CITATION (Use several sheets if necessary) Sheet 8 of 9 | ATTORNEY DOCKET NO. | | SERIAL NO. |
| | 5074A-000001/COB | | To Be Assigned |
| | APPLICANT | | |
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| Ref. Desig. | Examiner's Initials | Document Number | Date | Name | Class/ Subclass | (If appropriate) Filing Date |
| 142. | PS | 5,851,183 | 12/1998 | Bucholz | | |
| 143. | | 5,868,674 | 02/1999 | Glowinski | | |
| 144. | | 5,871,445 | 02/1999 | Bucholz | | |
| 145. | | 5,873,822 | 02/1999 | Ferre, et al. | | |
| 146. | | 5,891,034 | 04/1999 | Bucholz | | |
| 147. | | 5,913,820 | 06/1999 | Bladen, et al. | | |
| 148. | | 5,920,395 | 07/1999 | Schulz | | |
| 149. | | 5,950,629 | 09/1999 | Taylor, et al. | | |
| 150. | | 5,954,647 | 09/1999 | Bova, et al. | | |
| 151. | | 5,967,980 | 10/1999 | Ferre, et al. | | |
| 152. | | 5,976,156 | 11/1999 | Taylor | | |
| 153. | | 5,987,349 | 11/1999 | Schulz | | |
| 154. | | 6,019,725 | 02/2000 | Vesely, et al. | | |
| 155. | | 6,024,695 | 02/2000 | Taylor | | |
| 156. | | 6,059,718 | 05/2000 | Taniguchi, et al. | | |
| 157. | | 6,104,944 | 08/2000 | Martinelli | | |
| 158. | | 6,122,538 | 09/2000 | Sliwa, et al. | | |
| 159. | | 6,161,032 | 12/2000 | Acker | | |
| 160. | ↓ | 6,172,499 | 01/2001 | Ashe | | |
| 161. | PS | 6,201,987 | 03/2001 | Dumoulin | | |

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| FORM HDP-1449 (Based on Form PTO-1449) PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE CITATION (Use several sheets if necessary) Sheet 9 of 9 | ATTORNEY DOCKET NO. | SERIAL NO. |
| | 5074A-000001/COB | To Be Assigned |
| | APPLICANT | |
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| U.S. PATENT DOCUMENTS | | | | | | |
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| Ref. Desig. | Examiner's Initials | Document Number | Date | Name | Class/ Subclass | (If appropriate) Filing Date |
| 162. | PS | 6,233,476 | 05/2001 | Strommer, et al. | | |
| 163. | ↓ | 6,246,231 | 06/2001 | Ashe | | |
| 164. | ↓ | 6,437,567 | 08/2002 | Schenck, et al. | | |
| 165. | PS | 6,493,573 | 12/2002 | Martinelli, et al. | | |

| FOREIGN PATENT DOCUMENTS | | | | | | | |
|--------------------------|---------------------|-----------------|---------|---------|-----------------|-----------------|----|
| Ref. Desig. | Examiner's Initials | Document Number | Date | Country | Class/ Subclass | Translation Yes | No |
| 1. | PS | WO 91/07726 | 05/1991 | PCT | | | |
| 2. | ↓ | WO 92/06645 | 04/1992 | PCT | | | |
| 3. | ↓ | WO 94/04938 | 03/1994 | PCT | | | |
| 4. | ↓ | EP 0419729 | 09/1988 | EPO | | | |
| 5. | ↓ | EP 0655138 | 08/1993 | EPO | | | |
| 6. | PS | EP 0894473 | 01/1995 | EPO | | | |

| OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.) | | |
|------------------------------------------------------------------------|---------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Ref. Desig. | Examiner's Initials | |
| 1. | PS | Edward C. Benzel, et al. "Magnetic Source Imaging: A Review of the Magnes System of Biomagnetic Technologies Incorporate," Neurosurgery, Vol. 33, No. 2, Pages 252-259 (August 1993) |

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